

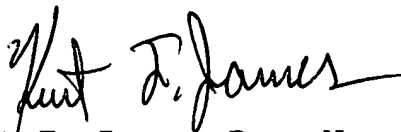
REMARKS

Claims 5 and 6 are amended. Claims 1-8 will remain pending upon entry of this amendment. Claims 5 and 6 are amended to eliminate multiple dependencies prior to the calculation of the filing fee.

The Abstract has been amended to reduce the number of words in compliance with the rules.

Applicant respectfully request entry of the foregoing amendments and a speedy examination.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADEIN THE SPECIFICATION:

The Abstract at page 24, line 3 has been amended as follows:

A system [is disclosed] for use by a surgeon during  
[implantation in a patient of a tibial implant and of a femoral  
5 implant in the course of] a knee replacement operation [. It]  
comprises a navigation computer whose memory [is arranged to]  
holds data relating to size and shape of at least one [tibial]  
implant [and at least one femoral implant] as well as data  
obtained during pre-operative scanning. [of the patient relating  
10 to the tibia and femur of the patient and also data relating to  
the three dimensional position and orientation of at least one  
bone selected from the patient's tibia and the patient's femur  
obtained during the course of the knee replacement operation.  
It] The system also [includes registration means for  
15 registering] registers the three dimensional position and  
orientation of the patient's tibia and/or femur during the course  
of the knee replacement operation [, as well as detector means  
connected to the computer and operatively coupled to the  
registration means for detecting the position and orientation of  
20 the at least one bone]. The system [further includes tensor  
means for] is capable of applying tension to the ligaments of the  
patient's knee in flexion or in extension after resection of the  
patient's tibia. Moreover the computer is programmed to display  
images of the bones on the computer's screen at different stages  
25 of the operation and with potential planes of cut. [, inter alia,  
one or more images derived from data held in the memory of the  
computer and depicting the position and orientation, including  
the patient's tibia before or after resection and the patient's  
femur with the knee tensed by the tensor means in flexion or in  
30 extension, with or without potential planes of cut for resection  
of the patient's femur and/or with the tibial component and/or  
the femoral component as it will appear after implantation  
thereof.]

IN THE CLAIMS:

5. (Amended) A system according to [any one of claims 1 to 4]  
claim 1, wherein the tensor means comprises an inflatable  
balloon.

6. (Amended) A system according to [any one of claims 1 to 4]  
claim 1, wherein the tensor means is selected from a hydraulic  
bag, a mechanical device having two parallel motion paddles, a  
mechanical device having a swivelling motion top paddle, a  
5 mechanical device having separate medial and lateral top paddles,  
a mechanical device having one central arm on to the femur, and a  
mechanical device having only a medial separation.

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